İ			
D	GESS	949	:

1	49.	(New) A method for producing a PDP comprising:
2		a first step of attaching a first electrode onto a main surface of a first plate and
3	forming a	dielectric layer on a surface of the first electrode with a vacuum process method;
4		a second step of preparing a second plate; and
5		a third step of placing the first plate and the second plate in parallel to face each
6	other, with	spacing means being placed between the first plate and the second plate, so that a
7	discharge s	space is formed between the first plate and the second plate.
1	50.	(New) The method for producing a PDP defined in Claim 49, wherein
2		the dielectric layer formed in the first step is a compound including at least one of
3	zirconium	, titanium, zinc, bismuth, cesium, silicon, aluminium, antimony, and magnesium.
1	51.	(New) The method for producing a PDP defined in Claim 49, wherein
2		between the first step and the second step, there is a step for forming a magnesium
3	oxide prof	ecting layer for protecting the dielectric layer with a vacuum process method
4	immediate	ely after the dielectric layer is formed in the first step.

(New) The method for producing a PDP defined in Claim 49, wherein

the vacuum process method used in the first step is a CVD method.

1

2

52.

ı	55. (New) The method for producing a PDP defined in Claim 52, wherein		
2	a compound is used as a source material for the CVD method in the first step, th		
3	compound including at least one of zirconium, titanium, zinc, bismuth, cesium, silicon,		
4	aluminium, antimony, and magnesium.		
1	54. (New) The method for producing a PDP defined in Claim 49, wherein		
2	the first plate used in the first step is made of borosilicate glass including 6.5%		
3	less by weight of alkali.		
1	55. (New) A method for producing a PDP comprising:		
2	a first step of attaching a first electrode onto a main surface of a first plate and		
3	forming a dielectric layer on a surface of the first electrode with a plasma spraying method;		
4	a second step of preparing a second plate; and		
5	a third step of placing the first plate and the second plate in parallel to face each		
6	other, with spacing means being placed between the first plate and the second plate, so that a		
7	discharge space is formed between the first plate and the second plate.		
ı	56. (New) The method for producing a PDP defined in Claim 55, wherein		
2	a material for the plasma spraying method in the first step is one of a glass		
3	containing lead oxide (PbO), boron oxide (B <sub>2</sub> O <sub>3</sub> ), silicon dioxide (SiO <sub>2</sub> ), and aluminium oxide		
4	(Al <sub>2</sub> O <sub>5</sub> ), and a glass containing phosphorus oxide (P <sub>2</sub> O <sub>5</sub> ), zinc oxide (ZnO), aluminium oxide		
5	(Al <sub>2</sub> O <sub>3</sub> ), and calcium oxide (CaO), wherein		
6	a thermal expansion coefficient of each of the glasses is in a range of 45x10 <sup>-7</sup> /*C		

7 to  $50 \times 10^{-7}$ /°C.

1	57.	(New) The method for producing a PDP defined in Claim 55, wherein,	
2		the first plate used in the first step is made of borosilicate glass including $6.5\%$ or	
3	less by weight	of alkali.	
1	<b>58</b> .	(New) A method for producing a PDP comprising:	
2		a first step of attaching a first electrode onto a main surface of a first plate, and	
3	forming with a	a plasma spraying method a plurality of partition walls on the main surface of the	
4	first plate, wherein at least a part of the first electrode is exposed;		
5		a second step of preparing a second plate; and	
6		a third step of placing the first plate and the second plate in parallel to face each	
7	other, with the	plurality of partition walls being placed between the first plate and the second	
8	plate so that a	discharge space is formed between the first plate and the second plate.	
}	59.	(New) The method for producing a PDP defined in Claim 58, wherein	
2		a source material for the plasma spraying method in the first step is at least one of	
3	aluminium oxide (Al <sub>2</sub> O <sub>3</sub> ) and mullite (3(Al <sub>2</sub> O <sub>3</sub> ·2 SiO <sub>2</sub> ).		
1	60.	(New) The method for producing a PDP defined in Claim 58, wherein	
2		between the first step and the second step, a dielectric layer is formed to coat the	
3	main surface o	of the first plate on which the first electrode and the plurality of partition walls	
4	exist.		
1	61.	(New) The method for producing a PDP defined in Claim 58, wherein	
2		the first plate used in the first step is made of horosilizate place including 6.50% or	

3 less by weight of alkali.